

FIG. 1

PRIOE ACT

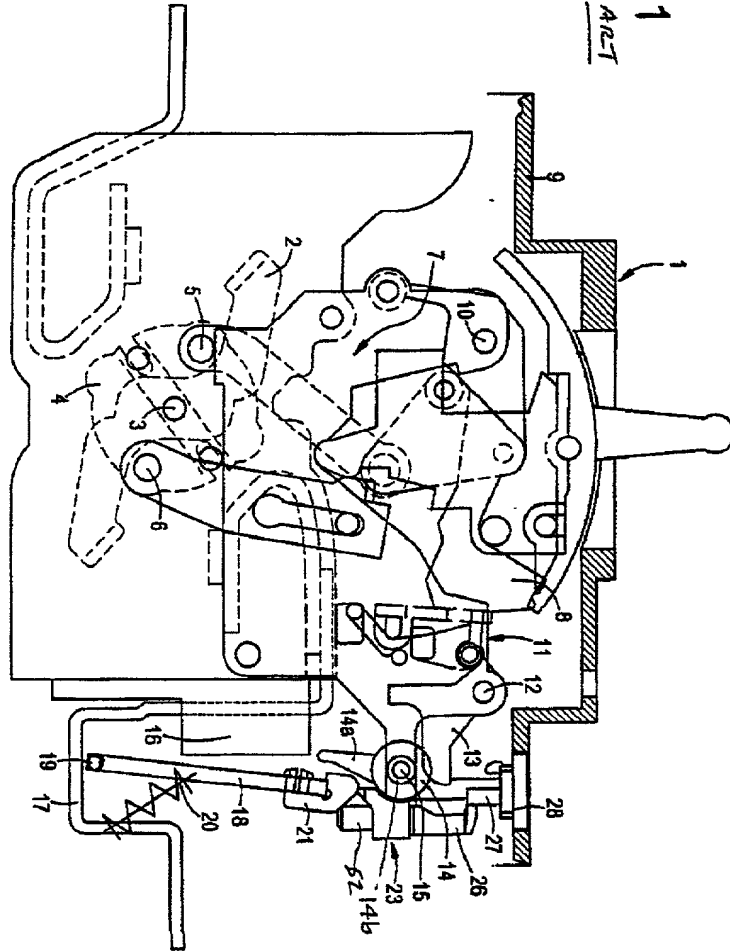
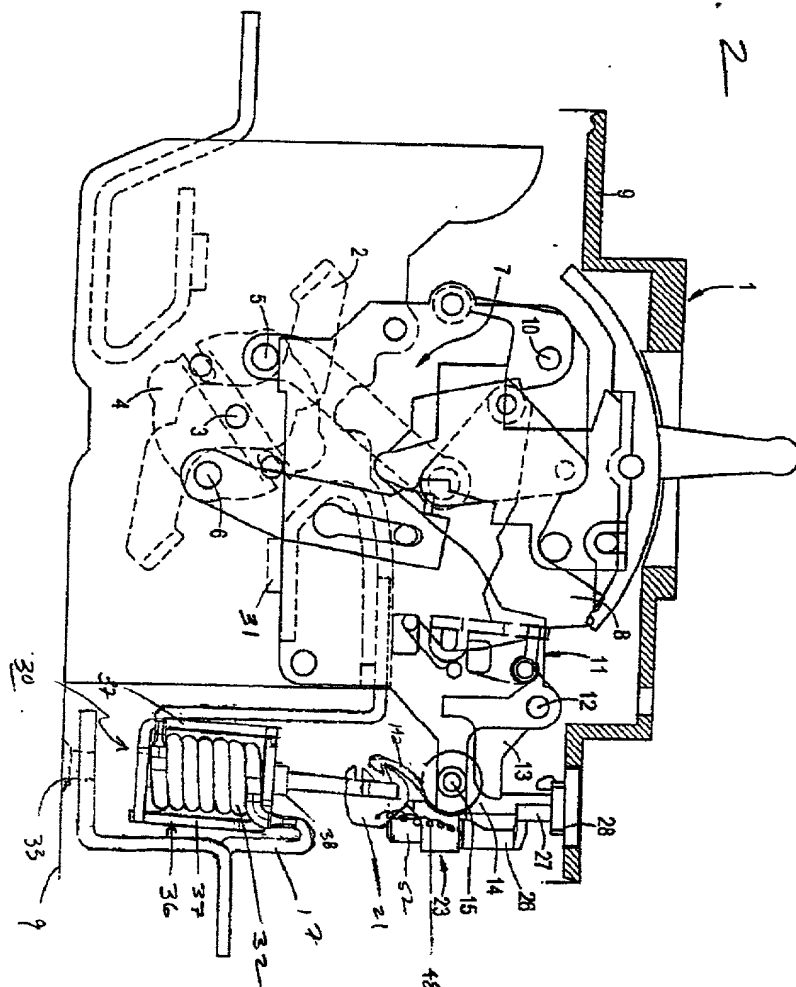


FIG. 1 is a cross-sectional view of a mechanical assembly, showing a housing (1) and a central shaft (10) with a pinion (11) and a gear (12). A lever (13) is connected to the gear and a piston rod (14). The piston rod is connected to a piston (15) within a cylinder (16). A valve (17) is controlled by a lever (18) and a spring (19). Other components include a spring (20), a pin (21), a pin (22), a pin (23), a pin (24), a pin (25), a pin (26), a pin (27), and a pin (28).

FIG. 2



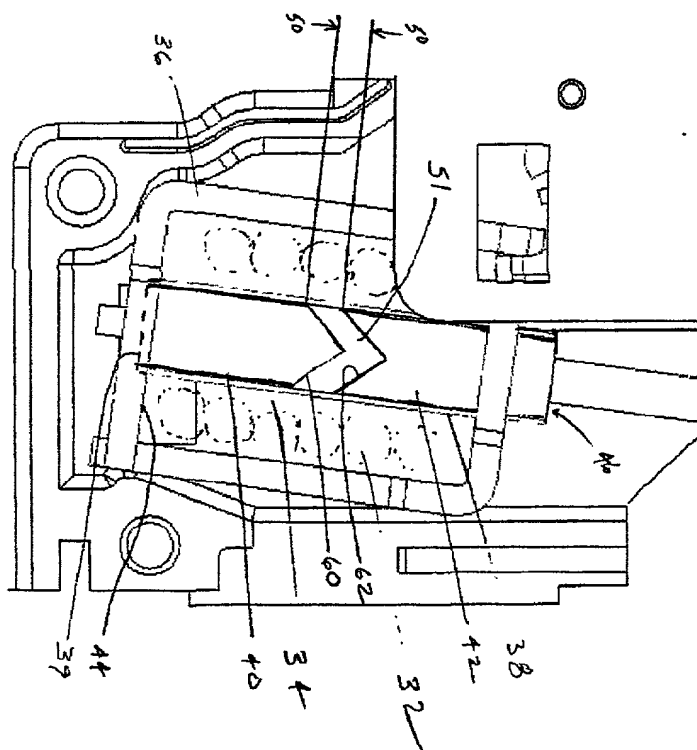


FIG. 3 is a cross-sectional view of the device showing the internal components and the flow path of the fluid. The device includes a housing 32, a central shaft 38, and a series of vanes 40. The vanes are arranged in a radial pattern around the shaft. The housing 32 has a central opening 39 and a side opening 44. The central shaft 38 is supported by bearings 42 and 40. The vanes 40 are connected to the shaft 38 by a series of links 60 and 62. The device is shown in a cross-sectional view to illustrate the internal components and the flow path of the fluid.

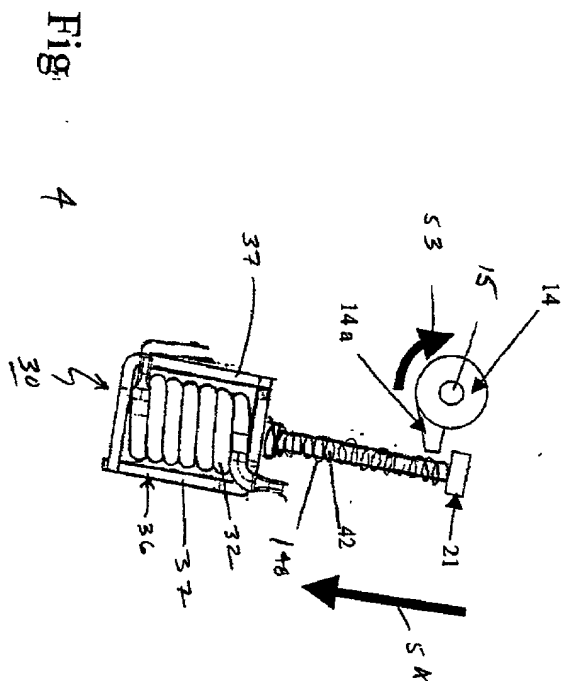
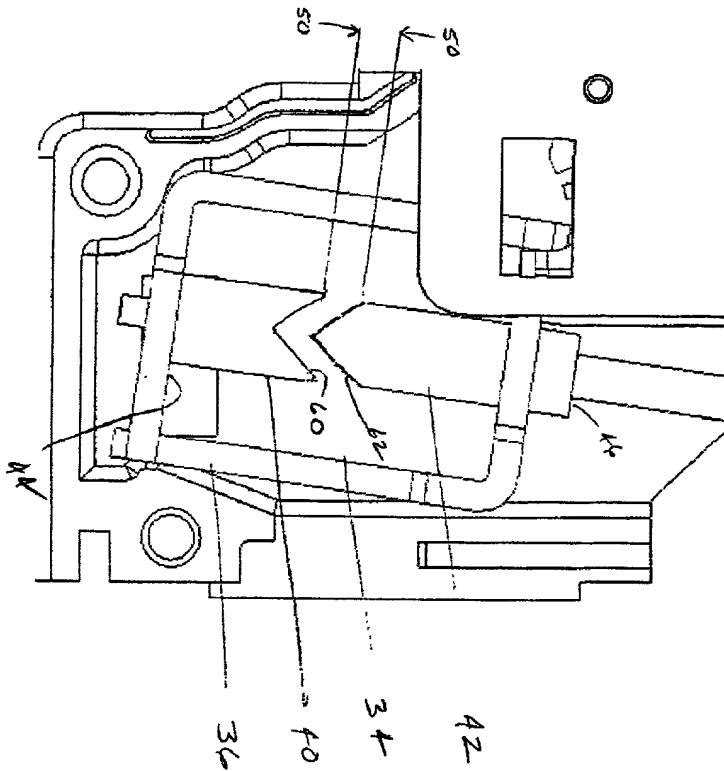


Fig. 4

Fig 5



Force vs. Gap

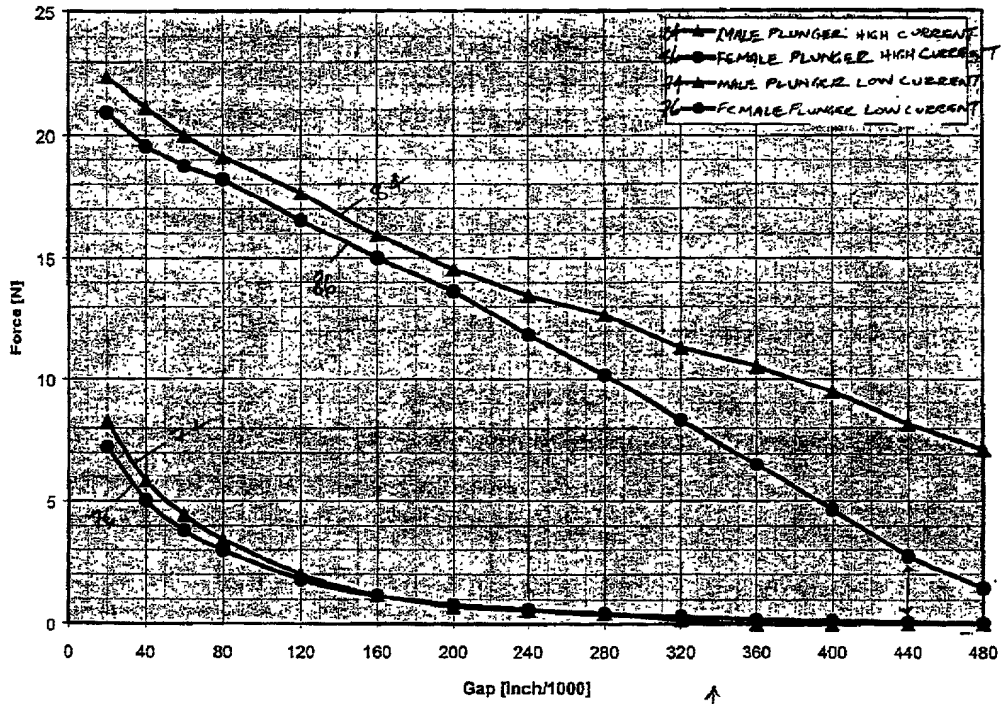


Fig. 6